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URBAN DISTRICT COUNCIL  
of  
MANGOTSFIELD.

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ANNUAL REPORT  
of  
MEDICAL OFFICER OF HEALTH.

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Year... 1949.

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Public Health Department,  
Council Offices,  
Staple Hill, Bristol.



Mangotsfield Urban District Council.

The Urban District is situated in South Gloucestershire and comprises the Downend, Soundwell and Mangotsfield Wards.

Chairman of the Council;-

H.C. Bracey Esq., J.P.

Vice-Chairman of the Council;-

J.R. Bizley Esq.

Members of the Urban Council;-

Mrs. C. Rossiter.  
Mrs. L.F. Crook.  
Alderman H.F. Wren, J.P.  
F. Banks Esq.  
A. Beazer Esq.  
E.P. Birt Esq.  
H.G. Harris Esq.  
B.J.W. Woodhall Esq.  
F. Cowles Esq.; C.C.  
F. Andrews Esq.  
W. Morrish Esq.  
W.G. Smith Esq.  
A.W.J. Roberts Esq.

Clerk to the Council;-

F. Wallace Esq.

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Public Health Officers;-

Dr. J. Menzies Cormack, M.B., Ch.B., D.P.H., D.P.A.  
Medical Officer of Health to combined  
South Gloucestershire Districts.

Mr. F. Alan Long, M.I. Mun. E., A.R.I.C.S., M.S.I.A.  
Surveyor & Sanitary Inspector.

Mr. G.D. Howell, A.R.I.P.H.H.  
Clerical Assistant.

Mr. H. Hooper, Outfall Works Manager.

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To the Chairman and Members  
of the Mangotsfield Urban District Council.

I have the honour to present my twelfth Annual Report on the Urban District, this being the twenty second report since the formation of the Urban District in 1927.

Divisional Health Administration under the provisions of the National Health Service Act, 1946 was more fully established during the year, the Urban District being incorporated in the Gloucestershire Southern Area.

The undermentioned gentlemen are the District Council representatives on the Area Sub-Committee;-

Mr. F. Banks.

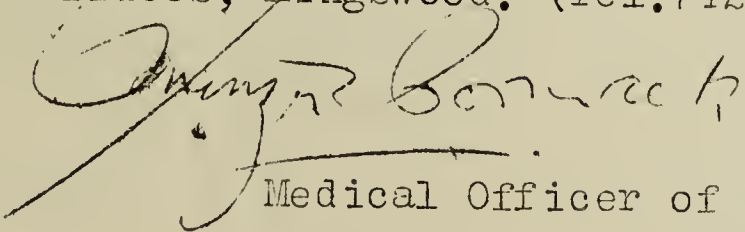
Mr. E. P. Birt.

Mr. F. Cowles.

The Area Committee is a sub-committee of the Gloucestershire County Council Health Committee.

This Committee is directly concerned with such duties as Health Education, Clinics and Health Centres, Medical & Social Welfare, Maternity and Child Welfare, Domestic Health Service, Vaccination and Immunisation etc.

The Divisional Health Offices are established at;- Council Offices, Kingswood. (Tel. 74238).



Medical Officer of Health.

Council Offices,  
Staple Hill,  
Bristol.  
Tel: 55214/5.





General Services.

Clinics.

Soundwell Clinic,  
Soundwell Road,  
Kingswood. (Gloucestershire C.C.)

Child Welfare Centres.

Soundwell Clinic,  
Soundwell Road,  
Kingswood.

The Recreation Hut,  
Cossham St.,  
Mangotsfield.

Foster Baptist Chapel,  
Salisbury Road,  
Downend.

Ambulance Service.

The Gloucestershire County Council provides the ambulance service for area with co-operation of Bristol County Borough for urgent cases.

The local ambulance station is at Patchway and the Telephone No. Filton(862) 2575.

Ambulance can also be called on "999" service.

Registrar.

The Registrar for the District is Mr.J.D.Harris,

Office;- 87, Broad Street,  
Staple Hill,  
Bristol.

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# Statistics and Social Conditions of the Area.

## (i) General Statistics.

Area of District .....	1,553 Acres.
Population (Registrar's Estimate mid 1949) ..	17,340
Number of houses in Area (Dec) .....	5,177
Rateable Value of District .....	£72,836
Sum represented by 1d Rate .....	£ 286

## (ii) Social Conditions.

The nature of the chief industries remains unchanged, the following being the principal trades in the District;-

Boot & Shoe Making.	Baking & Confectionery.
Motor Repairing.	Laundrying.
Light Engineering.	Building.
Clothing.	Saw Mill & Ladder Making.
Printing.	Vehicle Body-Building.
Market Gardening.	

## (iii) Extracts from Vital Statistics.

<u>Live Births.</u>	Male.	Female.	Total.
Legitimate .....	136	132	268
Illegitimate ...	3	3	6
<u>Still Births.</u>			
Legitimate .....	6	2	8
Illegitimate ...	-	-	-
<u>Deaths</u>			
Infant under 1 years of Age;-			
Legitimate .....	6	4	10
Illegitimate ...	-	-	-

<u>Birth Rate.</u>	Per 1,000 Estimated Pop. of District...	15.1
	Per 1,000 " " England & Wales.	16.7

<u>Death Rate.</u>	Per 1,000 Estimated Pop. of District ..	10.6
	Per 1,000 " " England & Wales.	11.7

<u>Still Birth.</u>	Per 1,000 Births .... District .....	0.46
	Per 1,000 Births .... England & Wales .	0.39



# CAUSES OF DEATHS

Cause of Death.	-1	1-	5-	15-	25-	45-	65-	75-	Total.
6. Tuberculosis of Respiratory System .....	-	-	-	1	2	1	1	-	5
9. Influenza .....	-	-	-	-	-	-	1	-	1
10. Measles .....	-	1	-	-	-	-	-	-	1
12. Acute infectious encephalitis .....	-	-	-	-	1	-	-	-	1
13M. Cancer of buccal cavity & oesophagus (males only) ...	-	-	-	-	-	-	1	-	1
13F. Cancer of Uterus .....	-	-	-	-	-	1	1	-	2
14. Cancer of stomach and duodenum .....	-	-	-	-	-	-	-	3	3
15. Cancer of breast .....	-	-	-	-	-	-	2	-	2
16. Cancer of all other sites, .....	-	-	-	-	1	5	5	7	18
17. Diabetes .....	-	-	-	-	2	1	1	-	4
18. Intra-Cranial vascular lesions .....	-	-	-	-	-	5	8	6	19
19. Heart Disease .....	-	-	-	-	2	11	27	23	63
20. Other diseases of the circulatory system .....	-	-	-	-	-	3	3	-	6
21. Bronchitis .....	-	-	-	-	-	-	4	6	10
22. Pneumonia .....	1	-	-	-	-	3	2	3	9
24. Ulceration of the stomach or duodenum .....	-	-	-	-	-	1	-	1	2
27. Other Digestive Diseases ...	-	-	-	-	-	1	1	2	4
28. Nephritis .....	-	-	-	-	1	2	1	2	6
31. Premature Births .....	3	-	-	-	-	-	-	-	3
32. Congenital malformations, birth injury, infantile dis: ..	5	-	-	-	-	-	-	-	5
33. Suicide. ....	-	-	-	-	1	1	1	-	3
34. Road Traffic Accidents .....	-	-	-	1	-	-	-	-	1
35. Other Violent Causes .....	1	2	-	-	1	1	1	-	6
36. All other causes .....	-	1	1	-	-	3	2	2	9
Total .....	10	4	1	2	11	39	62	55	184. ≠

≠ This total comprises .....

Males ... 83  
Females.. 101.





## SANITARY CIRCUMSTANCES OF THE AREA.

### Sanitary Inspections of the Area.

(a)	Inspections made .....	71
(b)	Nuisances discovered or reported .....	32
(c)	" " "(Swine only) .....	2
(d)	Complaints received .....	41
(e)	Informal Notices sent .....	15
(f)	Statutory Notices sent .....	13
(g)	Nuisances abated resulting from notices ....	27
(h)	Summonses served .....	1
(i)	Court conviction obtained .....	1
(j)	Notices served for hearing re demolition of dwellings .....	1
(k)	Demolition Orders made .....	Nil

### Premises subject to Statutory Control.

(a)	Mechanical Factories.	
	Number inspected .....	28
	Number of inspections .....	28
	Notices served .....	4
(b)	Non-Mechanical Factories.	
	Number inspected .....	12
	Number of Inspections .....	12
	Notices served .....	3
(c)	Other premises.	
	Number inspected .....	9
(d)	Bakehouses.	
	Number inspected .....	8
	Number of inspections .....	8
(e)	Dairies, Cow Sheds, Milk Shops etc.	
	Number of inspections .....	14
	Number inspected .....	14
	Action taken .....	Nil.

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Number of houses disinfected .....	21
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### Shops Act, 1934.

Act. No special action was taken under the

Four new shops to serve the Hillhouse Housing Estate were commenced during the year.





## Water Supplies.

The following reports were made on samples of water taken by the Health Officers;-

1. Source;- Tap from Mains supply, Soundwell Road, Staple Hill.

### Bacteriological Examination;-

Number of colonies per ml of original water

developing at 37 deg.C: = 11

" 20.22 d.C. = 15

Probable number of Coli-Aerogenes organisms per 100 ml of original water = 0.

Remarks .... Satisfactory.

2. Source;- Tap from mains supply, Chestnut Road, Downend.

### Bacteriological Examination;-

Number of colonies per ml of original water

developing at 37 deg.C: = 6

" 20.22deg.C. = 19

Probable number of Coli-Aerogenes organisms per 100 ml of original water = 0

Remarks .... Satisfactory.

The following report was received from the West Gloucestershire Water Company on a sample of water.

" The Counties Public Health Laboratories, London S.W.1.

Number of Colonies developing on Agar per cc or ml in.

1 day at 37 deg.C.    2 days at 37 deg C.    3 days at 37 deg.C.

0

0

4

Presumptive Coliform Reaction. Present in;-

Absent from 100 ml.

Bact Coli                      "                      "

Cl. Welchii reaction..                      "                      "

This is a very satisfactory sample. It is clear and bright in appearance and of the highest standard of bacterial purity consistent with a wholesome water suitable for public supply purposes.

"



# FACTORIES ACT, 1937.

The following table is submitted by the instruction of the Ministry of Labour as required by Section 128(3) of the Factories Act, 1937, Part I & VIII.

(i) INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspector.)

Premises.	Number of premises.	Number of.		
		Inspections.	Written Notices.	Prosecuted.
i. Factories in which Sections, 1, 2, 3, 4 & 6 are to be enforced by local authorities.	18.	18.	-	-
ii. Factories not included in (i) above in which Section 7 is enforced by the local authy.	41	32	-	-
iii. Other premises in which Sect 7 is enforced by the local authy. (excluding outworkers premises).	-	-	-	-
Totals .....	59	50.	-	-

(ii) CASES IN WHICH DEFECTS WERE FOUND.

Particulars.	Number of cases in which defects were found.			
	Found.	Remedied.	Referred...	
			To H.M. Inspector.	By H.M. Inspector.
Want of Cleanliness (S1)	4	5	-	1
Overcrowding (S2)	-	-	-	-
Unreasonable temperature (S3)	-	-	-	-
Ineffective drainage of floors (S4)	-	-	-	-
Sanitary conveniences (S7)				
(a) insufficient	-	-	-	-
(b) unsuitable or def.	3	3	-	-
(c) not separate for sexes	-	-	-	-
Totals .....	7	8	-	1





## CAMPING SITES

There are no official camping sites in the Urban District.

## INSPECTION AND SUPERVISION OF FOODS.

### Meat and Other Foods.

The slaughtering of animals is still mainly carried out at the Central Abattoir, instead of the private slaughter houses.

Certificates of condemnation were issued in respect of unfit meat and other foods as required.

### HOUSING.

The need for further houses is still urgent although most of the very bad cases have now been rehoused.

Cases of overcrowding are still common and in some instances the housing conditions are poor.

Inspections were made during the year and Notices to Abate Nuisances and Repair Defects were served under the provisions of the Public Health and Housing Acts.

The following tables show the increase in population and number of dwellings in the District since 1931.

Year.	Population.	Houses.	Persons per house.
1931(Census). . . . .	11,251.	2,801.	4.
1938 . . . . .	14,380.	4,600.	3.12
1944 . . . . .	16,500.	4,700.	3.51
1947 . . . . .	16,990.	4,836.	3.513
1948 . . . . .	17,070.	5,067.	3.36
1949 . . . . .	17,340.	5,177.	3.35

### PUBLIC CLEANSING.

The whole of the district is covered by a weekly House Refuse Collection. The collection of Waste Paper Salvage was discontinued during the year as Paper Mills ceased to accept deliveries, this being general throughout the area.





## RIVERS AND STREAMS.

Samples are taken periodically at the same time as samples are taken of works effluent as one of the constituent authorities discharging into the river.

## CLOSET ACCOMMODATION.

Water Carriage system is general throughout the district with a few exceptions in outlying districts, and a group of cottages in Downend.

## DRAINAGE AND SEWERAGE.

Preliminary Works on the extensions of the sewers and Outfall Works, Moorend, have been started under the arrangements made with the Sodbury R.D.C.

It is hoped that the main works will be commenced shortly.

## SCHOOLS.

The Medical Inspections carried out in the Schools are under the control of the County School Medical Officer.

## ADULTERATION AND CHEMICAL & BACTERIOLOGICAL EXAMINATIONS OF FOODS.

Action for adulteration of foods is carried out by the Gloucestershire Police, and examinations by the Department of Preventive Medicine, Bristol. The latter when requested by the District Health Department.

## INFECTIOUS DISEASES.

The Number of infectious diseases (other than tuberculosis) reported during the year was 114.

The following figures show the incidence of these diseases for the year immediately pre-war, during the war, and post war. For the second consecutive year the figures are low.

1937	.....	98	(excluding Measles)
1940	.....	95	( " " )
1947	.....	74	( " " )
1948	.....	323	( 275 Measles Cases )
1949	.....	114	( 81 " " )

Diphtheria. The Immunisation Scheme is still in force and again no cases were reported.



Table showing incidence of Notified  
Infectious Diseases, in Wards.

Disease.	Downend.	Soundwell.	Mangotsfield.	Total.
Cerebro Spinal Fever...	1	-	-	1
Scarlet Fever .....	4	6	1	11
Pnuemonia .....	1	3	-	4
Measles .....	57	12	12	81
Poliomyelitis .....	4	4	1	9
Chicken Pox(Not notifiable)	8	-	-	8
Totals .....	75	25	14	114.

Table showing the incidence of Infectious  
Disease in Age Groups.

Disease.	-1	1-	2-	3-	4-	5-	10-	15-	20-	35-	65-	Total.
Scarlet Fever .....	-	1	-	1	2	6	1	-	-	-	-	11
Poliomyelitis .....	1	-	2	-	1	-	3	-	2	-	-	9
Measles .....	-	12	8	14	16	27	4	-	-	-	-	81
Pnuemonia .....	-	-	-	-	-	-	-	-	3	1	-	4
Cerebro Spinal Fever	-	-	-	-	-	-	-	1	-	-	-	1
Chicken Pox(N.N.)	-	-	1	-	-	4	3	-	-	-	-	8
Totals .....	1	13	11	15	19	37	11	1	5	1	-	114

The total number of notified infectious diseases for children under 5 years again nearly equalled the total for all other age groups.

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## Tuberculosis.

The number of cases reported during the year was 18. ( 14 respiratory and 4 non-respiratory) being the same as the 1947 figure.

There were 5 deaths from tuberculosis during the year.

Table showing the Sex and Ages of new cases.

Ages.	Respiratory.		Non-respiratory.	
	M.	F.	M.	F.
Under 1 year	-	-	-	-
1 - 5 years	-	-	1	-
5-15 years	-	-	1	2
15-25 years	1	5	-	-
25-35 years	1	2	-	-
35-45 years	-	-	-	-
45-55 years	3	1	-	-
55-	1	-	-	-
Totals.	6	8	2	2

Deaths ..... Male ... 3  
                            Female .. 2

